



S&H Form: (2/01)

Docket No.: 1460.1016

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Yoshinobu KUBOTA, et al.

Serial No. 09/761,778

Group Art Unit: 2882

Confirmation No. 5961

Filed: January 18, 2001

Examiner: Chih Cheng G. Kao

For: OPTICAL CIRCUIT

SUPPLEMENTAL AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This is a supplement to the Amendment filed on October 8, 2002.

The following amendments and remarks are respectfully submitted.

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IN THE SPECIFICATION:

Please AMEND the third full paragraph at page 14 line 37 through page 15, line 8 as follows:

B¹ As described with reference to Figs. 4a through 4(c), even if leaking light and emissive light are generated in the Y-shaped coupling part R2-2 of the first optical modulating part 22, the leaking light and emissive light are inputted into the optical waveguides 36-1 and 36-2 provided at both sides of the output optical waveguide 32b-2 and are led out to the outside of the substrate 31. Therefore, the leaking light and emissive light from the first optical modulating part 22 will not enter into and interfere with the second optical modulating part 23.

Please AMEND the second full paragraph at page 18, line 3 as follows:

B² In the embodiment as shown in Figs. 2(a) through 2(c), in the optical waveguide that guides leaking light and emissive light, an optical waveguide that guides leaking light and emissive light of the variable optical attenuating part 21, and an optical waveguide that guides leaking light and emissive light of the first optical modulating part 22 are formed integral with each other to form optical waveguides 36-1 and 36-2 having plane-like upper surfaces.